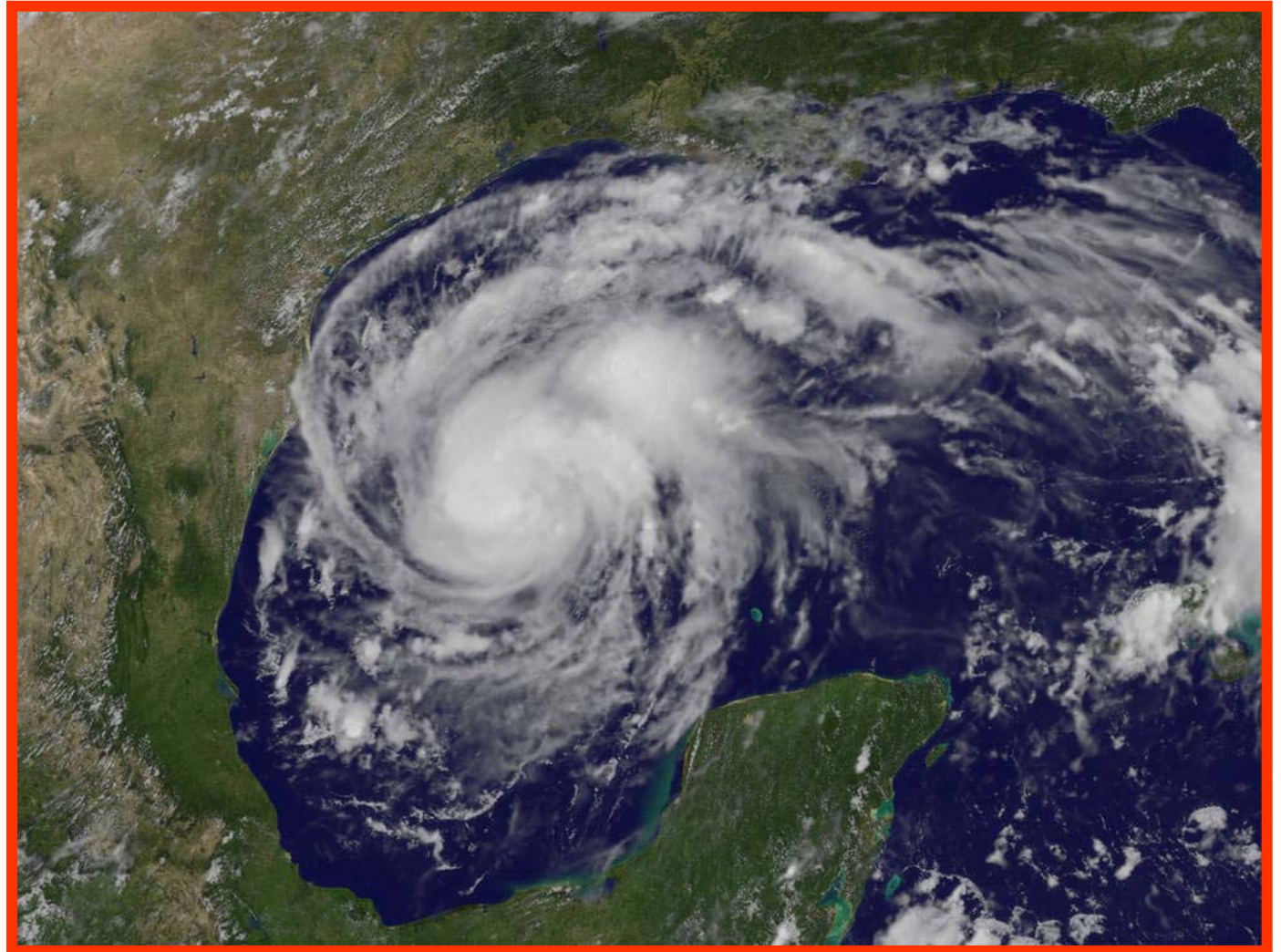












Hurricane Harvey -- Rolling Situation Report



EPA Region 6 – 09/08/2017

10-Day Weather Forecast for Impacted Areas

DAY		DESCRIPTION	HIGH / LOW	PRECIP	WIND	HUMIDITY
TODAY SEP 8		Sunny	87°/65°	0%	NE 10 mph	49%
SAT SEP 9		Sunny	88°/67°	0%	NE 10 mph	48%
SUN SEP 10		Mostly Sunny	89°/65°	0%	NNE 10 mph	48%
MON SEP 11		Sunny	88°/64°	0%	N 10 mph	46%
TUE SEP 12		Sunny	90°/66°	0%	NNW 7 mph	42%
WED SEP 13		Mostly Cloudy	91°/69°	0%	NW 6 mph	45%
THU SEP 14		Partly Cloudy	92°/70°	10%	NNW 7 mph	52%
FRI SEP 15		Mostly Sunny	90°/72°	10%	SE 9 mph	59%
SAT SEP 16		Partly Cloudy	90°/72°	20%	ESE 11 mph	61%
SUN SEP 17		Partly Cloudy	89°/72°	20%	E 10 mph	63%



Harvey Path – August 17 – August 30, 2017



FEMA / State of Texas Disaster Relief Centers

DRC #1- George R. Brown Convention Center, 1001 Avenida de Las Americas, Houston

DRC #2- Colorado County Services Facility, 305 Radio Lane, Columbus

DRC #3 - Randolph Recreation Center 653 East Pearl St., La Grange

DRC #4- Calhoun County Library , 200 W. Mahan Street, Port Lavaca

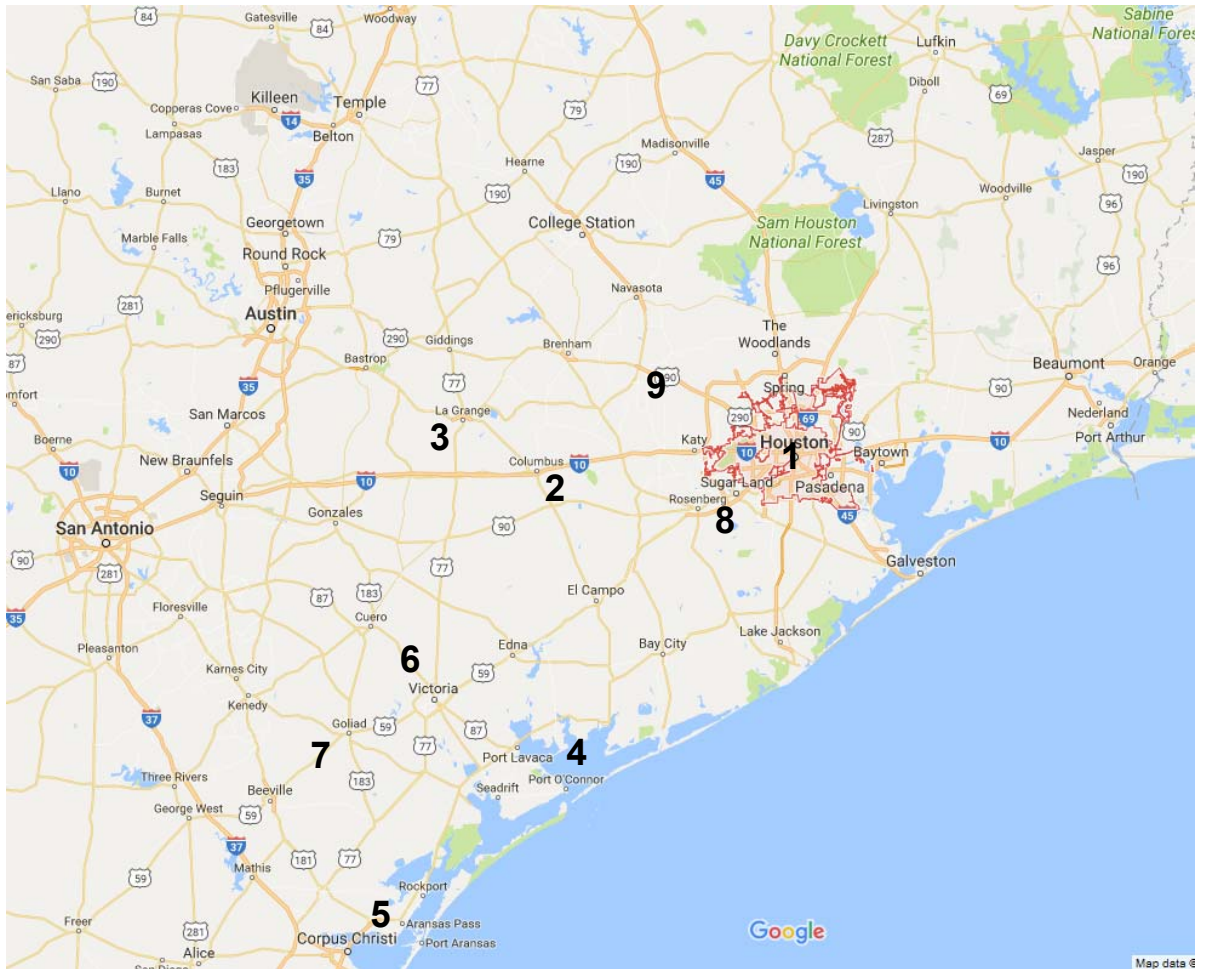
DRC #5- San Patricio County Bay Vista Shopping Center Suite 174 & 178, 2334 Hwy 361, Ingleside

DRC #6- Pattie Dodson Victoria County Public Health Center, 2805 N. Navarro Street, Victoria

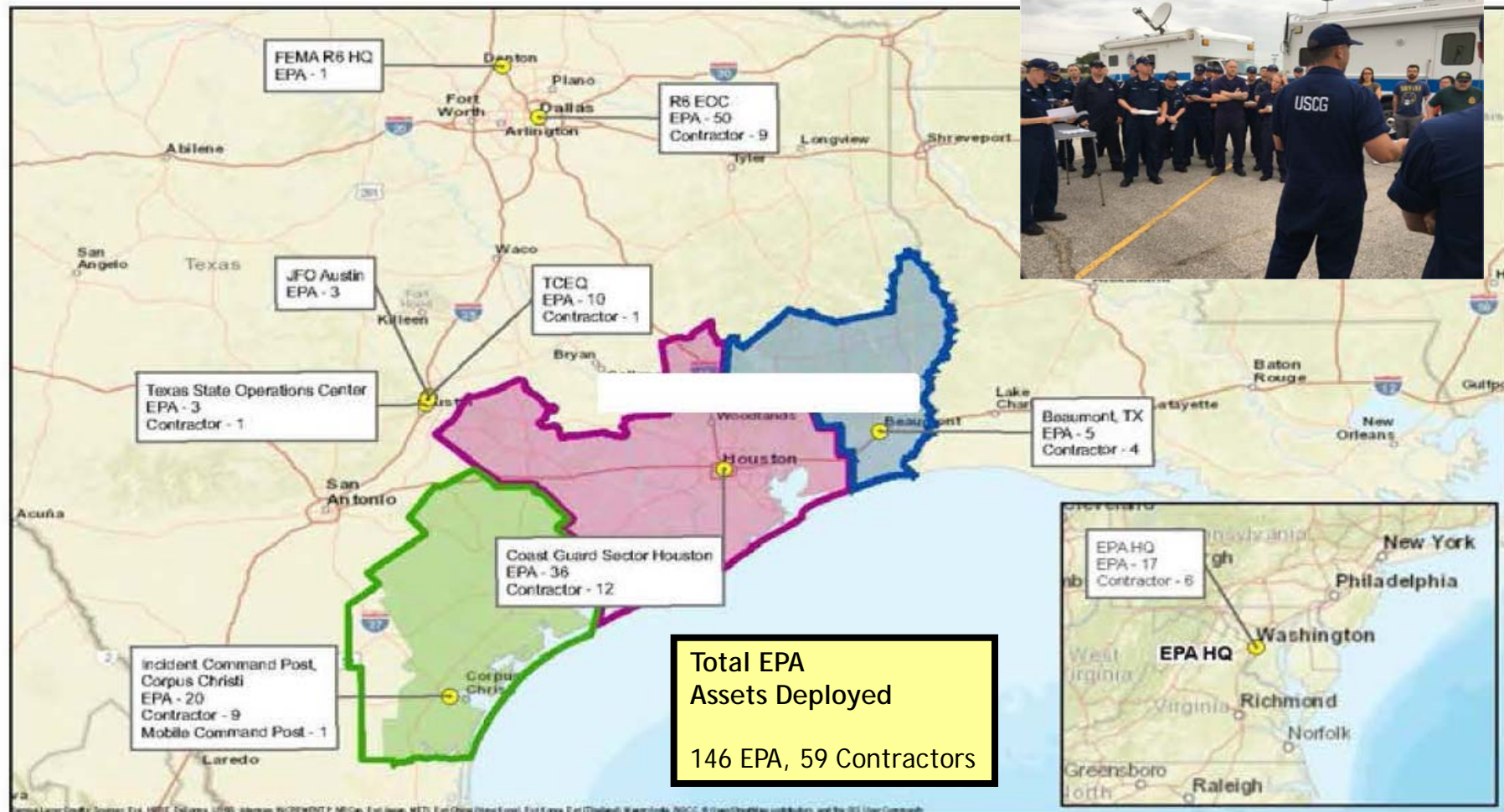
DRC #7- Goliad County Memorial Auditorium, 925 S. State Hwy 183, Goliad

DRC #8- Fort Bend County Sienna Annex, 5855 Sienna Springs Way, Missouri City

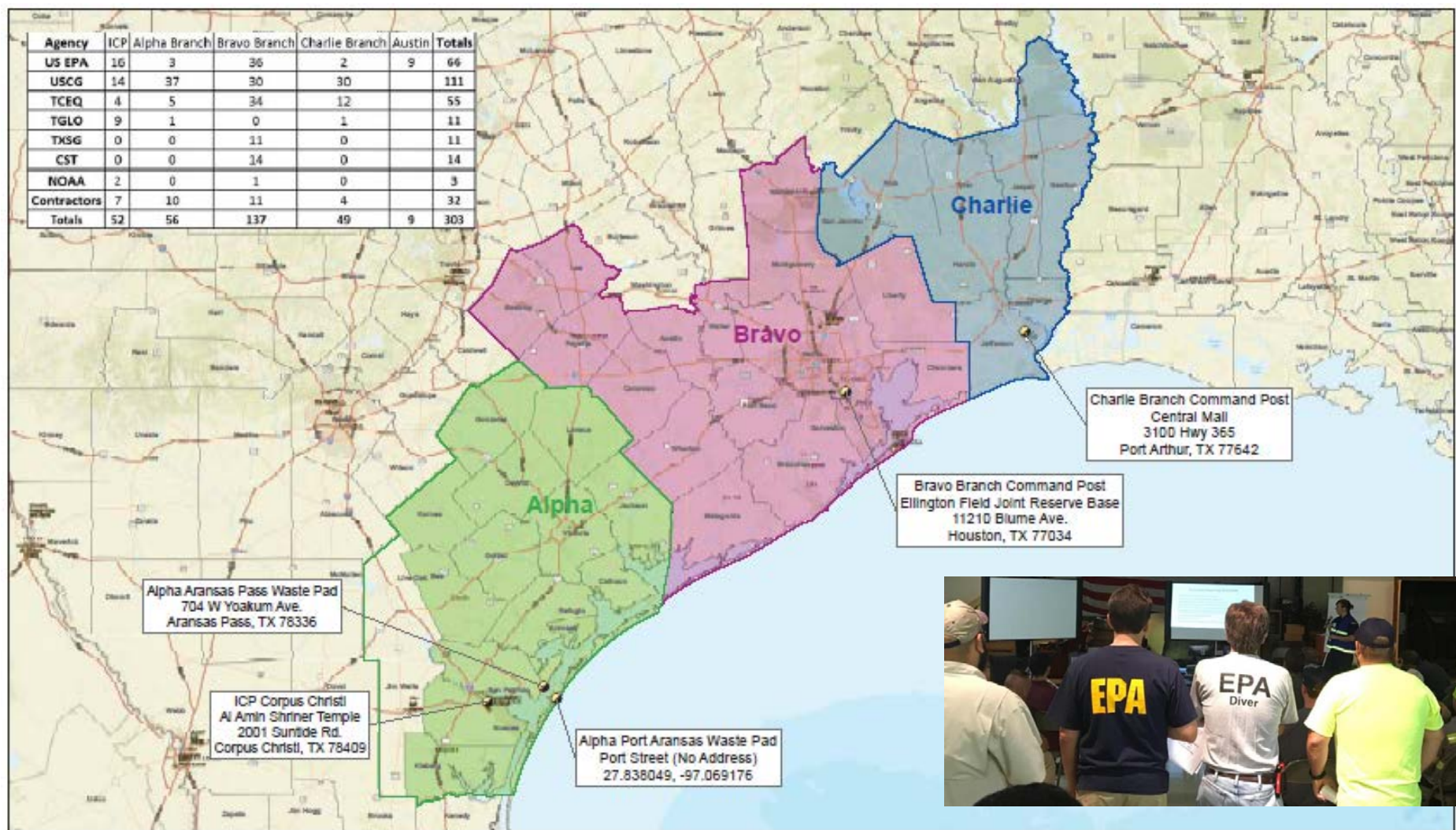
DRC #9- Montgomery County Friendship Center, 31355 Friendship Drive, Magnolia



EPA Region 6 Assets



EPA Region 6 Assets



Legend

Federally Declared Counties

in Alpha

in Bravo

in Charlie

County Boundary

Alpha Branch

Bravo Branch

Charlie Branch

Incident Command Post (ICP)
/Staging Area

USA EPA REGION 6
Overview Map
Alpha, Bravo, Charlie
Hurricane Harvey Response



For Official Use Only



EPAGIS
Printed: 7:15:07 PM 9/7/2017

EPA Region 6 Assets



Portable High-Throughput Integrated Laboratory Identification System (PHILIS)



Trace Atmospheric Gas Analyzer (TAGA):
EPA's Mobile Sampling and Analysis System

Incident Objectives

- Provide for the safety, welfare and security of response personnel.
- Maximize the protection of public, health, and safety.
- Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status and facilitate system contact with Federal, State, and Local agencies (provide technical assistance).
- Conduct wide area assessment to identify orphaned containers equal to or greater than 5 gallons, potential or actual discharges from vessels and/or facilities, and document the most effective means for recovery or mitigation in accordance with Natural Disaster Operations Workgroup and the approved Unified Command Vessel/Pollution Removal protocols.
- Prioritize, monitor, mitigate and/or recover identified pollution targets.
- Assess DHS critical infrastructure and RMP/FRP facilities for damage and immediate/ongoing releases.

Incident Objectives

- Identify secure areas to process and temporarily store for subsequent recycling, disposal, or return to original owner displaced orphan containers, above ground storage tanks, hazardous waste, and vessels.
- Identify locations and establish ESF 10 ICP, Branches, and Staging Areas commensurate to the size and scope of the incident.
- Establish and maintain a common operating picture (COP).
- Identify and maximize protection of environmentally sensitive areas and threatened species.
- Manage a coordinated interagency response effort that reflects the composition of the Unified Command.
- Establish an IMT that can meet the initial and long-term challenges required for incident mitigation.
- Inform the public, stakeholders, and the media of response activities.
- Ensure appropriate financial accounting practices are adhered to.
- Establish a vessel recovery strategy.
- Establish a strong interagency partnership with public and private organizations to determine ownership and disposition of targets.

ESF-10 Unified Command Organization Chart

Incident Name:

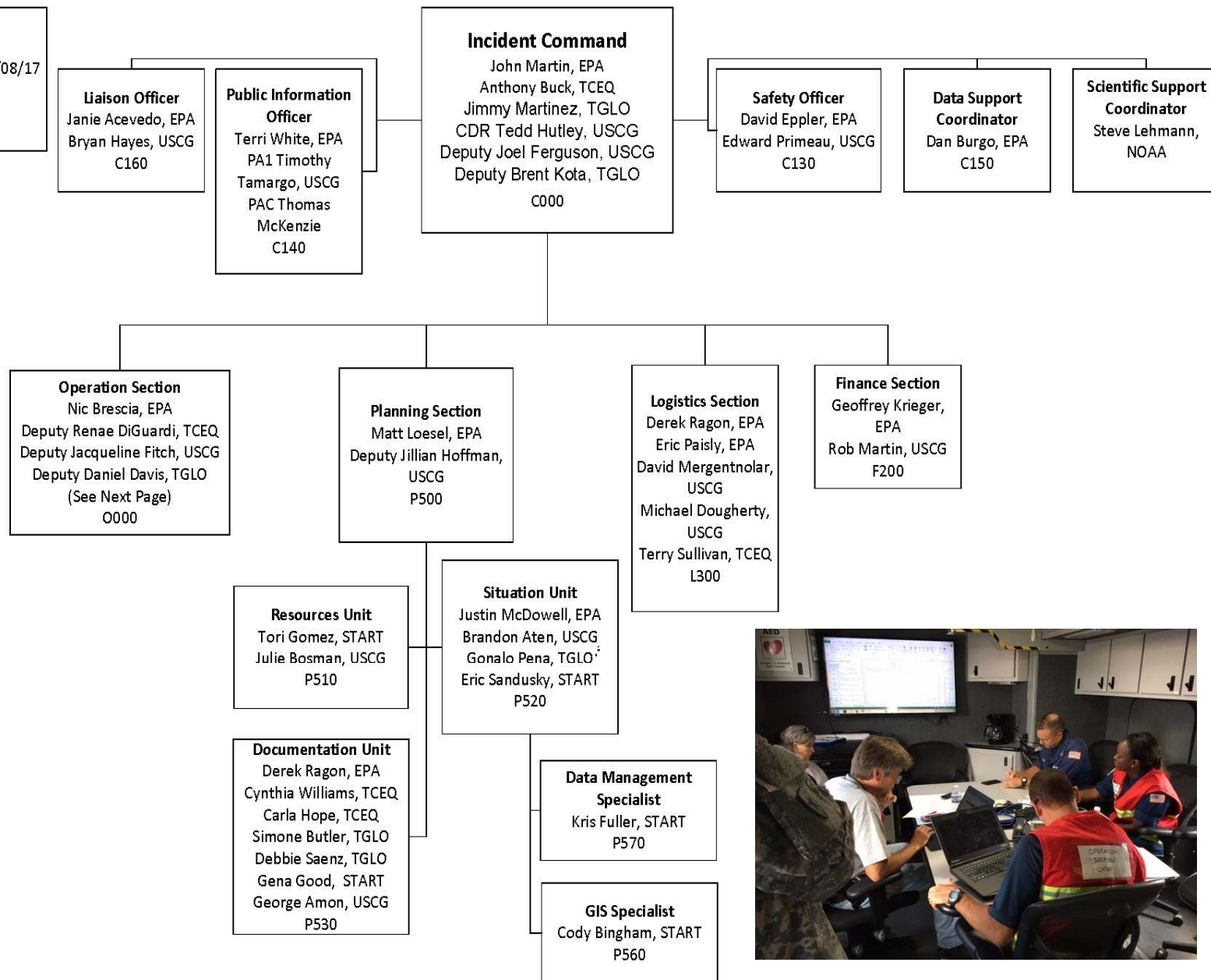
Hurricane Harvey – ESF 10 Texas

Operational Period: 09/07/17 to 09/08/17

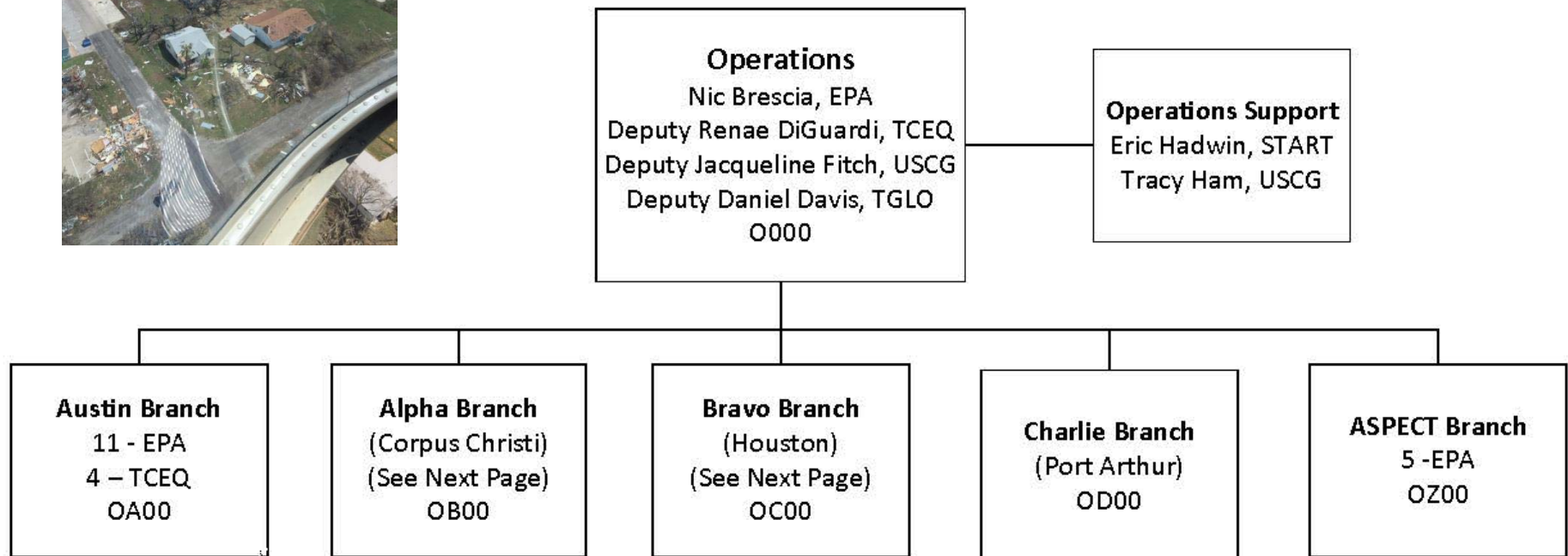
Prepared by: Tori Gomez

Date: 09/06/17

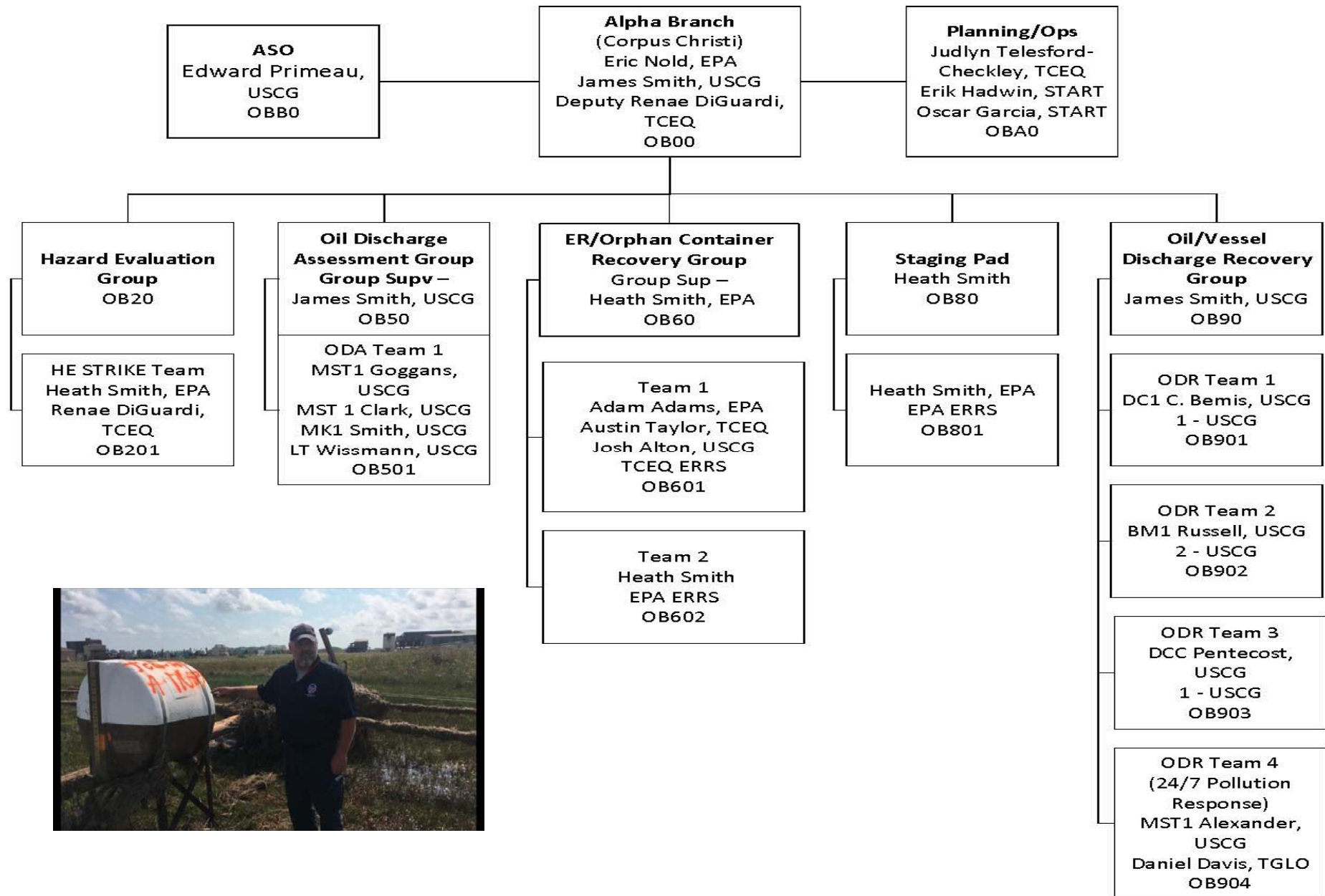
Time: 1721



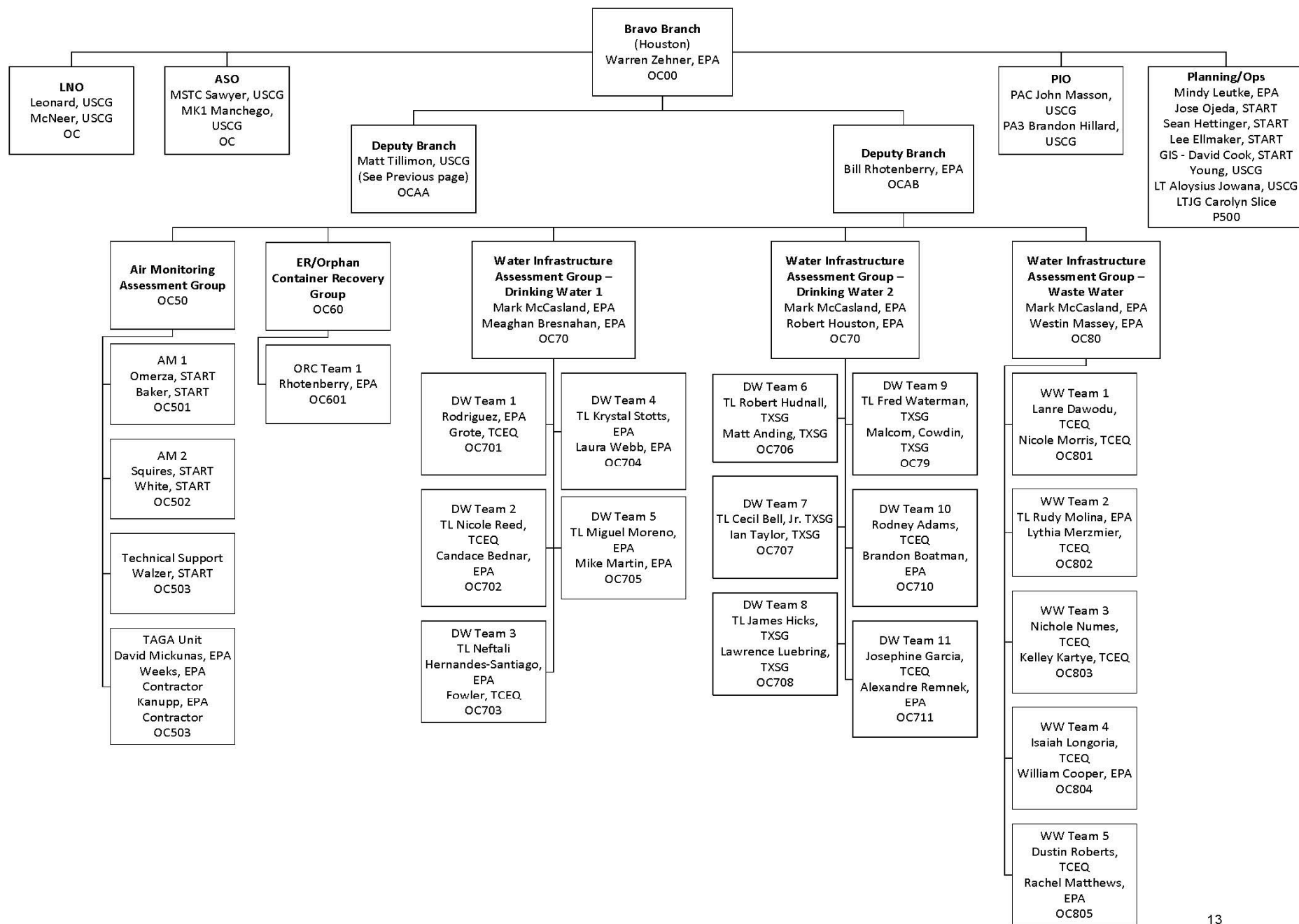
ESF-10 Unified Command Organization Chart



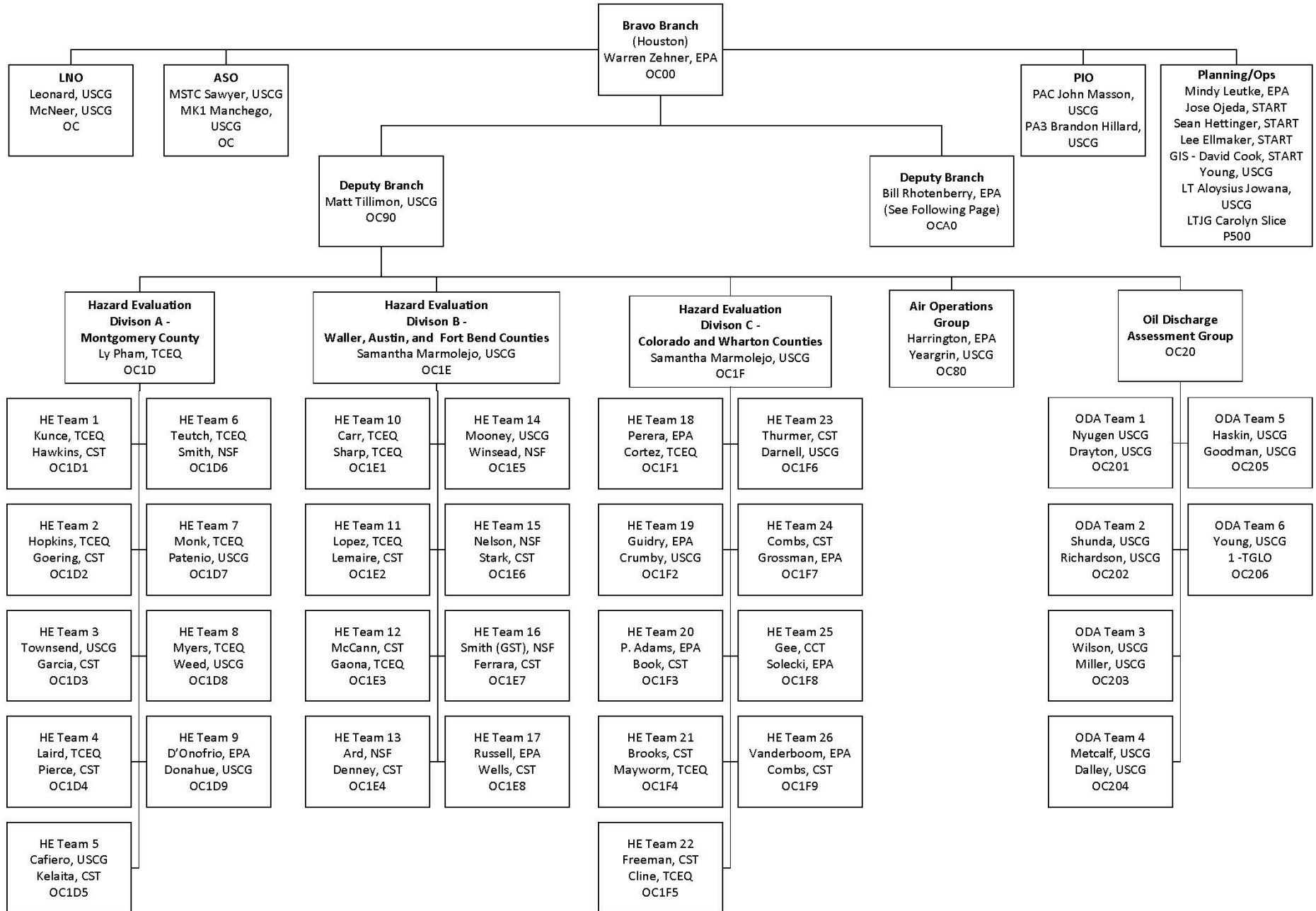
ESF-10 Unified Command Organization Chart



ESF-10 Unified Command Organization Chart

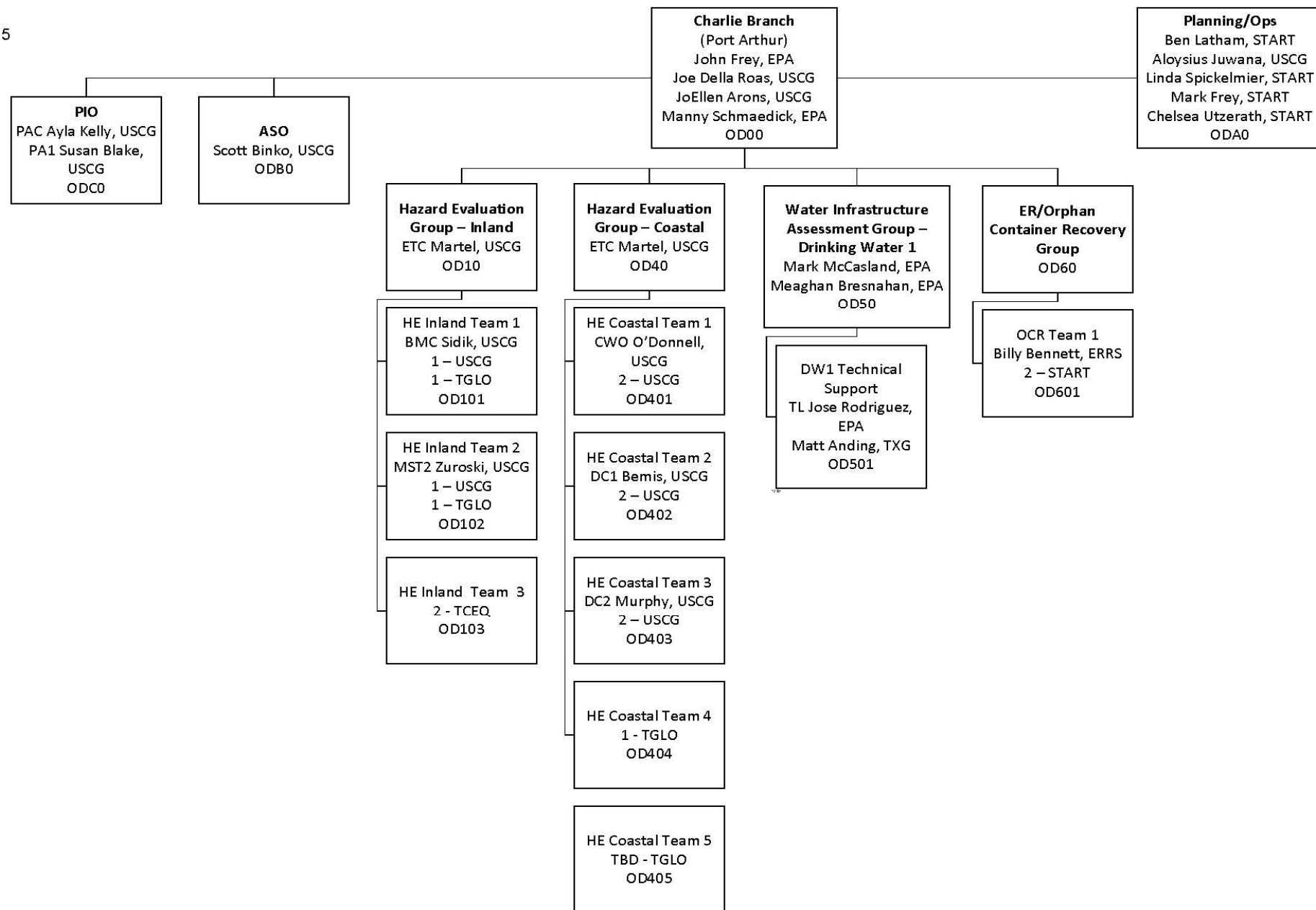


ESF-10 Unified Command Organization Chart



ESF-10 Unified Command Organization Chart

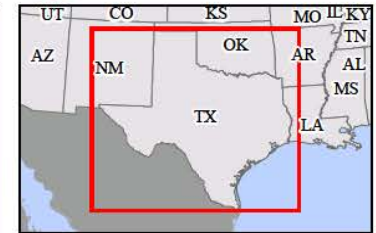
5



ESF-10 Mission Assignments

Mission Assignments	Status	Funded w/Indirect	Obligations	Amount Available	Daily Burn Rate
<u>Hurricane Harvey</u>					
FEMA-1786-DR-LA-EPA-06 (HW) As directed by and in coordination with FEMA, EPA will provide appropriate personnel to RRCC, JFO, IOF, or other locations as needed to support FEMA response operations.	Ongoing	\$ 242,741	\$ 21,968	\$ 220,773	\$ 2,848
FEMA-1786-DR-LA-EPA-05 (JF) Requested ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharge. This assistance includes response to release/ discharges from fixed facilities, as well as orphaned containers and mobile sources.	Ongoing	\$ 7,584,077	\$ 5,124,780	\$ 2,459,277	\$ 280,659

FEMA-4332-DR, Texas Disaster Declaration as of 09/04/2017

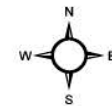


Data Layer/Map Description:
The types of assistance that have been designated for selected areas in the State of Texas.

All designated areas in the State of Texas are eligible to apply for assistance under the Hazard Mitigation Grant Program.

Designated Counties

- No Designation
- Public Assistance (Category B)
- Individual Assistance and Public Assistance (Categories A and B)
- Individual Assistance and Public Assistance (Categories A - G)



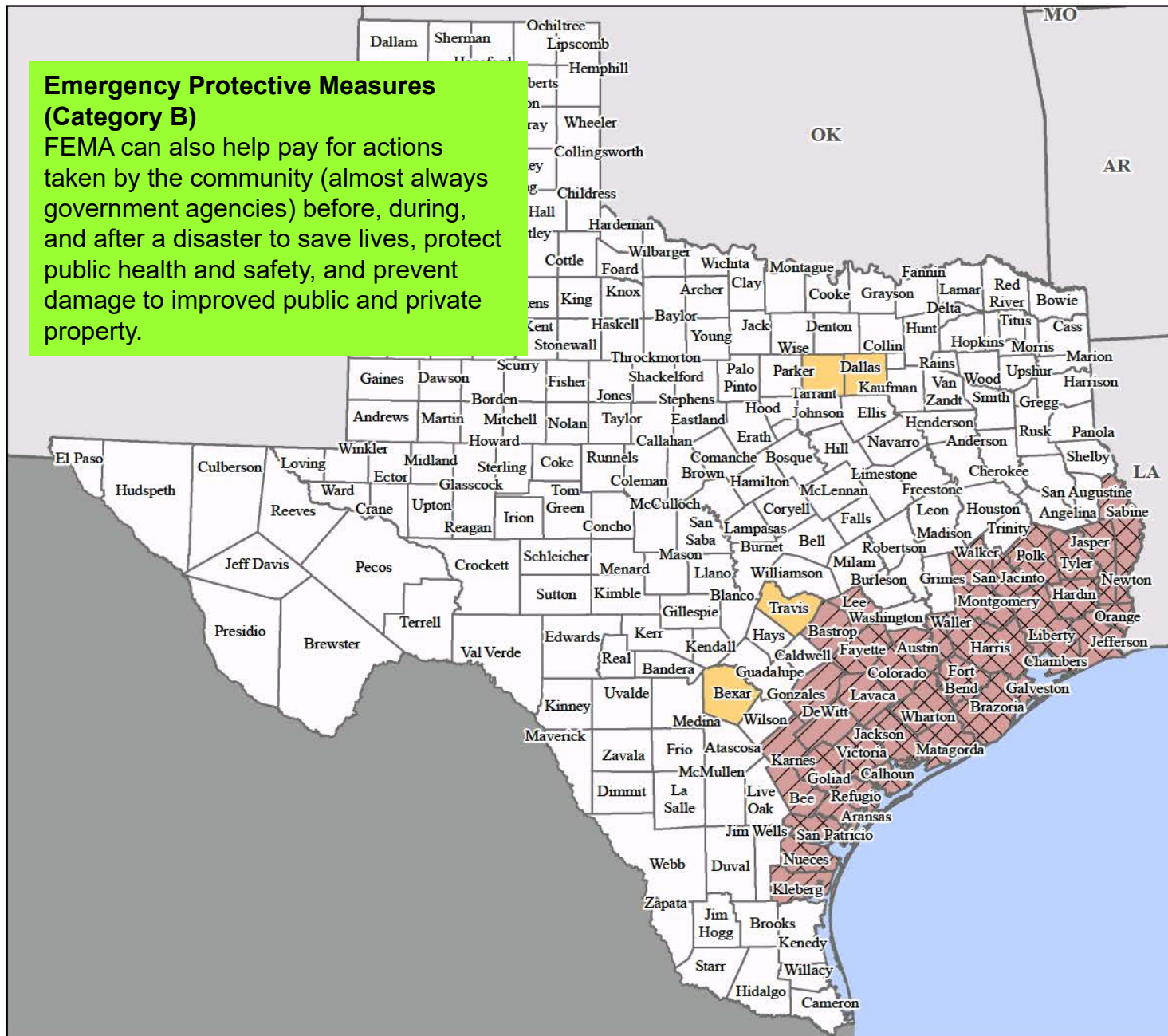
0 40 80 120 160
Miles

Data Sources:

FEMA, ESRI;
Initial Declaration: 08/25/2017
Disaster Federal Registry Notice:
Amendment #5 - 09/04/2017
Datum: North American 1983
Projection: Lambert Conformal Conic

Emergency Protective Measures (Category B)

FEMA can also help pay for actions taken by the community (almost always government agencies) before, during, and after a disaster to save lives, protect public health and safety, and prevent damage to improved public and private property.



Daily/Cumulative summary of Hazard Evaluations/Recovery

Status	Opened		Closed	
	09/06/2017	Number of Targets Remaining Open	09/06/2017	Cumulative
Corpus Christi Branch	2	32	4	73
Houston Branch	29	193	4	28
Port Arthur/ Beaumont Branch	15	34	1	4
Reports	0	3	0	0
Totals	46	262	9	105



Daily/Cumulative summary of Spills/Discharges

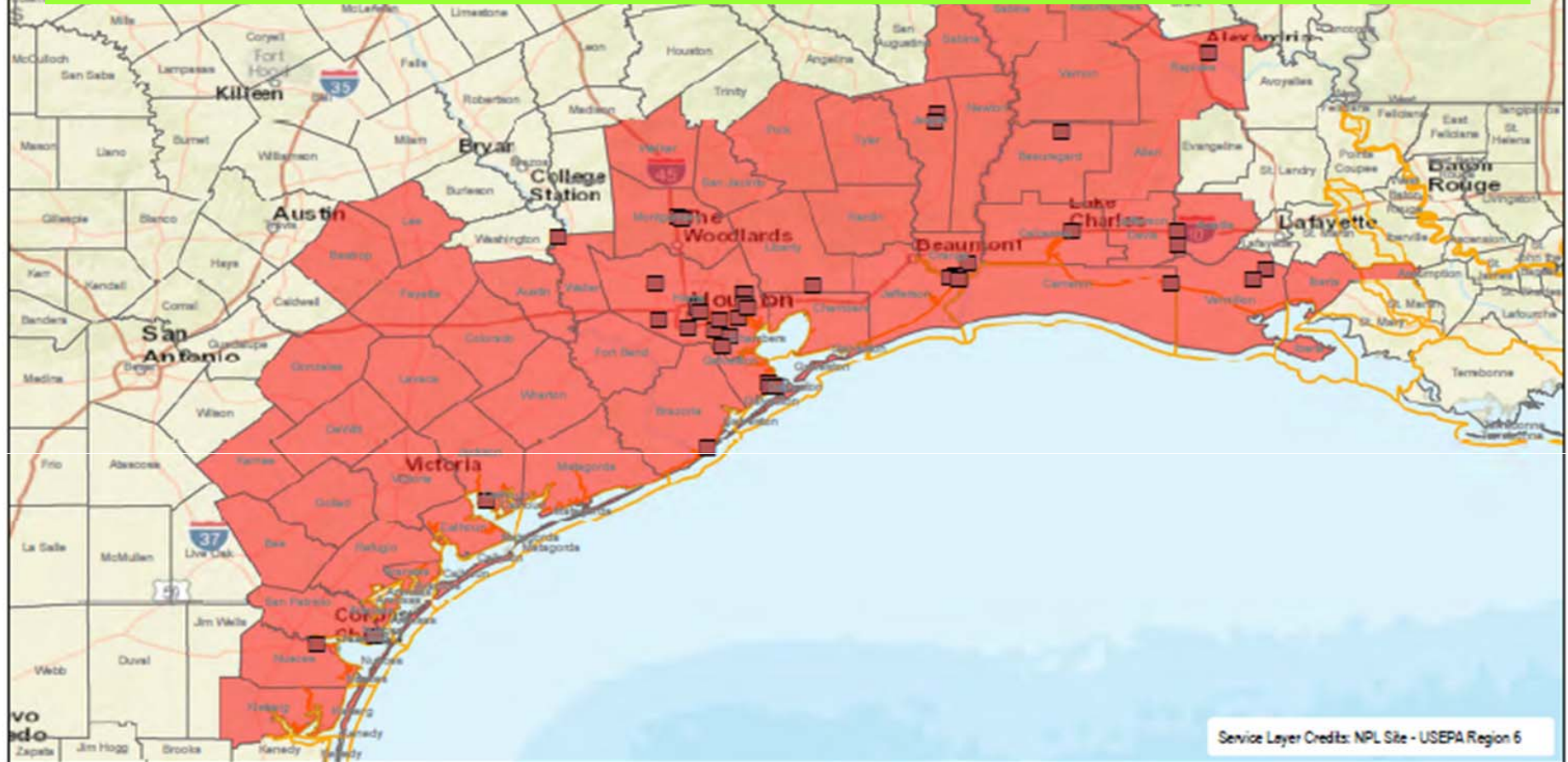
Status	Opened		Closed	
	09/06/2017	Cumulative	09/06/2017	Cumulative
Corpus Christi Branch	34	425	30	99
Houston Branch	8	59	2	14
Port Arthur / Beaumont Branch	1	11	10	10
NRC Reports	53	82	3	20
Totals	96	577	45	143



Drinking Water and Waste Water Assessments

	Daily Assessments	Total Assessments
On-Site DW Assessments	80	256
On Site WW Assessments	47	181
Phone DW Assessments	253	4,852
Phone WW Assessments	111	2,908

All 43 Federal Superfund NPL Sites in the affected area have been assessed. Of these, 41 sites have been cleared, and two sites require additional follow-up.



Legend

- NPL Sites (43)
- Coast Guard Area of Responsibility
- Federally Declared

US EPA Region 6

National Priority List (NPL) Sites in Federally Declared Counties/Parishes

